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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In patent application of

Applicant: **James R. Larus et al.**
Serial No.: **10/659,221**
Filed: **September 10, 2003**
For: **CONTRACTS AND FUTURES FOR ASYNCHRONOUS PROGRAMMING LANGUAGE**
Art Unit: **2142**
Examiner: **Unknown**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

Serial No.: _____
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Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☒ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☐ Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.

- (d) ☐ After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ☐ The required certification is given below, or
- (2) ☐ Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :
- (i) ☐ Enclosed is a check covering the fee;
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4. Certification (if applicable)

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

By



Himanshu S. Amin
Reg. No. 40,894

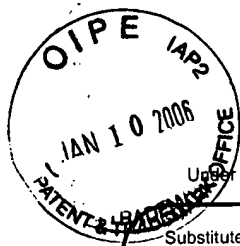
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I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Himanshu S. Amin



PTO/SB/08b (08-03)

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**SUPPLEMENTAL
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Sheet

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of

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Complete if Known

Application Number

10/659,221

Filing Date

September 10, 2003

First Named Inventor

James R. Larus

Art Unit

2142

Examiner Name

Unknown

Attorney Docket Number

MS303259.02/MSFTP447USA

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		TORBEN AMTOFT, FLEMMING NIELSON, and HANNE RIIS NIELSON, Type and Effect Systems, 1999, 253 pages, Imperial College Press.	
		THOMAS BALL and SRIRAM K. RAJAMANI, The SLAM Project: Debugging System Software via Static Analysis, Principles of Programming Languages, January 16-18, 2002, 3 pages, ACM, Portland, OR, USA.	
		NICK BENTON, LUCA CARDELLI, and CEDRIC FOURNET, Modern Concurrency Abstractions for C#, Workshop on Foundations of Object-Oriented Languages, September 2004, pp. 769-804, ACM Transactions on Programming Languages and Systems, Vol. 26, No. 5.	
		LARS BIRKEDAL, MADS TOFTE, and MAGNUS VEJLSTRUP, From Region Inference to von Nuemann Machines via Region Representation Inference, Principles of Programming Languages, 1996, pp. 171-183, ACM, St. Petersburg, FLA, USA.	
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		MANUVIR DAS, SORIN LERNER, and MARK SEIGLE, ESP: Path-Sensitive Program Verification in Polynomial Time, Programming Language Design and Implementation, June 17-19, 2002, ACM, Berlin, Germany, 12 pages.	
		ROBERT DELINE and MANUEL FAHNDRICH, Enforcing High-Level Protocols in Low-Level Software, Programming Language Design and Implementation, 2001, ACM, Snowbird, Utah, 11 pages.	
		EMCA Standard EMCA-334: C# Language Specification, http://www.ecma-international.org/publications/files/ECMA-ST/Ecma-334.pdf , December 2001, 523 pages.	

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		CORMAC FLANAGAN, K. RUSTAN M. LEINO, MARK LILLIBRIDGE, GREG NELSON, JAMES B. SAXE, RAYMIE STATA, Extended Static Checking for Java, Programming Language Design and Implementation, June 17-19, 2002, ACM, Berlin, Germany.	
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		LANCE HAMMOND, BASEM A. NAYFEH, and KUNLE OLUKOTUN, A Single-Chip Multiprocessor, Computer, September 1997, pp. 79-85, Vol. 30, No. 9, IEEE Computer Society.	
		JOHN HATCLIFF and MATTHEW DWYER, Using the Bandera Tool Set to Model-check Properties of Concurrent Java Software, Concurrency Theory, 2001, pp. 39-58, Springer-Verlag.	
		C.A.R. Hoare, Communicating Sequential Processes, 1985, 238 Pages, Prentice Hall International.	
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		ROBERT H. HALSTEAD, JR., Multilisp: A Language for Concurrent Symbolic Computation, ACM Transactions on Programming Languages and Systems, October 1985, pp. 501-538, Vol. 7, No. 4.	
		JACK L. LO, SUSAN J. EGGERS, JOEL S. EMER, HENRY M. LEVY, REBECCA L. STAMM, and DEAN M. TULLSEN, Converting Thread-Level Parallelism to Instruction-Level Parallelism via Simultaneous Multithreading, ACM Transactions on Computer Systems, August 1997, pp. 322-354, Vol. 15, No. 3.	
		ROBIN MILNER, Communicating and Mobile Systems: the pi-calculus, 161 pages, 1999, Cambridge University Press.	
		HANNE RIIS NIELSON and FLEMMING NIELSON, Higher-Order Concurrent Programs with Finite Communication Topology, Principles of Programming Languages, January 1994, pp. 84-97, ACM, Portland, OR, USA.	

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